**5.5 Dividing Polynomials (Part 2)**

Dividing a polynomial by a binomial

* Long division always works
* Synthetic division sometimes works

***Are You Smarter than a 5th Grader?????***

389/12 = ?????

Name the:

Divisor

Dividend

Quotient

Remainder

We use the same process for dividing polynomials.

* Terms must be written in descending order.
* If a term is missing, write it in and put a 0 before it.
* Be very, very, very careful when subtracting!